

VISKY, Karoly, Dr.

Regulations concerning the packaging of goods for shipment.  
Kozleked kozl 18 no.6:35-37 F '62.

SOMOGYI, Robert; VISKY, Karoly, dr.

Problems of packaging and the introduction of uniform  
transportation of goods. Kozleked kozl 19 no.17:302-304 28 Ap '63.

ISKY, Karoly, dr.

Correlations between standardization and industrial price system  
as reflected in statutory provisions. (To be contd.) Szabvany  
kozl 13 no.3:63-67 Mr '61.

1. Orszagos Arhivatal.

VISKY, Karoly, dr.

Correlations between standardization and industrial price system  
as reflected in statutory provisions. (Conclusion) Szabvany kozl  
13 no.4:84-88 Ap '61.

1. Orszagos Arhivatal.

**"APPROVED FOR RELEASE: 09/01/2001**

**CIA-RDP86-00513R001860110011-2**

**APPROVED FOR RELEASE: 09/01/2001**

**CIA-RDP86-00513R001860110011-2"**

Visky, T.  
Rumania/Nuclear Physics - Instruments and Installations. Methods of  
Measurement and Investigation

C-2

Abst Journal : Referat Zhur - Fizika, No 12, 1956, 33890

Author : Ausslaender, J. S. and Visky, T.

Institution : None

Title : Histogram of Horizontal Projection of Fission Fragments in Thick-  
Layer Photographic Emulsions as a Method of Determining Their Range

Original  
Periodical : Studii si cercetari fiz., 1955, 6, No 4, 699-732 (Rumanian;  
resumes in Russian and French)

Abstract : With respect to the ranges of 2 fission fragments, the region to  
which the method suggested in this work can be applied is at  
least as extensive as the region of applicability of the method  
of effective length. The accuracies of the 2 methods are of the  
same order of magnitude. The method proposed by the author is  
much simpler as it does not presuppose a knowledge of either the  
shrinkage factor or the vertical projections. Furthermore, the

Card 1/2

Rumania/Nuclear Physics - Instruments and Installations. Methods of  
Measurement and Investigation

C-2

Abst Journal : Referat Zhur - Fizika, No 12, 1956, 33890

use of this method does not require the performance of operations  
that are difficult from the point of view of experimental accuracy,  
such as superimposing the Gauss curves on the histogram or deter-  
mining the point of flexure or its abscissa.

Card 2/2

Vishki, T.

24.6600

21.5200

82017  
S/056/60/038/02/18/061  
B006/B011

AUTHORS:

Bogachev, N. P., Bunyatov, S. A., Vishki, T., Merekov, Yu.P.,  
Sidorov, V. M., Yarba, V. A.

TITLE:

<sup>17</sup>  
Production of Charged  $\pi$ -Mesons in the Interaction of 9-Bev  
Protons With Photoemulsion Nuclei

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960,  
Vol. 38, No. 2, pp 432-440

TEXT: The authors investigated the energy spectrum and the angular distribution of pions arising in the interaction of 9-Bev protons with photoemulsion nuclei. An emulsion chamber with 100 layers of the type НИКФИ-Р (НИКФИ-Р) (thickness: 450 $\mu$ , area: 10:10 cm<sup>2</sup>) was exposed to the inner proton beam of the proton synchrotron of the Laboratoriya vysokikh energiy OIYaI (High-energy Laboratory of the OIYaI). Such events were selected for analysis, in which 3 or more fast particles occurred. This selection permitted the separation of events in which several pions were produced. Among the 204 tracks selected for the analysis there were 78 with momenta

Card 1/4



Production of Charged  $\pi$ -Mesons in the  
Interaction of 9-Bev Protons With Photo-  
emulsion Nuclei

82017  
S/056/60/038/02/18/061  
B006/B011

$p\beta \leq 650$  Mev/c and 126 with  $p\beta > 650$  Mev/c; ionization was determined by a method described in Ref. 12. Fig. 1 shows ionization as a function of  $p\beta$ . A table supplies data concerning the K-mesons produced in proton - nucleus collisions. The energy distribution is discussed next. Fig. 2 shows the empirical energy spectrum of particles with  $p\beta \leq 650$  Mev/c (which corresponds to a pion energy of 540 Mev), and the curve calculated theoretically according to data from Ref. 13 for the spectrum of pions originating from NN-collisions. Fig. 3 shows the angular distribution of fast pions (ionization  $J \leq 1.4 J_0$ ;  $J_0$  - ionization on the tracks of primary protons) in the laboratory system. Fig. 4 shows the pion energy as a function of the departure angle, and Fig. 5 shows the angular distribution of fast protons ( $J \leq 1.4 J_0$ ). The results of investigation are finally summarized as follows: 1) The energy spectrum of charged pions originating from the reaction investigated here can be described by the empirical formula  $N(E_k) = E_k / (a + bE_k^2)$ , where  $E_k$  denotes the kinetic energy of pions in Mev. The coefficients were found to be  $a = 0.17 \pm 0.07$ ,  $b = (1.2 \pm 1.4) \cdot 10^{-6}$ , ✓

Card 2/4

Production of Charged  $\pi$ -Mesons in the  
Interaction of 9-Bev Protons With Photo-  
emulsion Nuclei

82017  
S/056/60/038/02/18/061  
B006/B011

$\alpha = 2.60 \pm 0.35$  by the method of least squares. 2) The mean total pion energy was  $\bar{E} = (0.70 \pm 0.2)$  Bev, the mean total energy of fast pions was  $(0.8 \pm 0.2)$  Bev. 3) The mean numbers of fast pions and protons per event were equal to  $3.3 \pm 0.5$  and  $1.0 \pm 0.5$ .  $0.6 \pm 0.2$  was obtained for the mean number of pions with energies lower than 80 Mev. 4) The total energy emitted by pions (taking account of  $\pi^0$ -mesons) amounted to  $(45 \pm 14)\%$ . 5) The ratio of charged  $\pi$ -mesons to K-mesons was  $5.0 \pm 2.5$  in the velocity range  $\beta = (0.5 - 0.8)$ . 6) The resulting experimental data do not contradict the assumption that the interaction considered here can be regarded as a consequence of collisions. The authors finally thank Professor V. P. Dzhelepov and Professor Kh. Khulubey for interest displayed as well as G. I. Bogorovskaya, L. F. Zakharova, K. D. Sverdlina, and D. A. Flyagina for their assistance, T. Vishki thanks Professor I. Auslender and E. Fridlender for their discussions. Furthermore, gratitude is expressed to N. N. Govorun for computations carried out on the "Ural" computer, and to V. A. Meshcheryakov for his aid. L. T. Baradzey, N. I. Kostanashvili, and O. A. Shakhulashvili are mentioned. There are 5 figures, 1 table, and 17 references: 9 Soviet, 1 Italian, 1 Indian, 3 English, and 3 American.

Card 3/4

LT

Production of Charged  $\pi$ -Mesons in the  
Interaction of 9-Bev Protons With Photo-  
emulsion Nuclei

S/056/60/038/02/18/061  
B006/B011

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy  
(Joint Institute of Nuclear Research)

SUBMITTED: August 30, 1959

UK

Card 4/4

VAN SHU-FEN' [Wang-Shu-fên]; VISHKI, T.; GRAMENITSKIY, I.M.; GRISHIN, V.G.;  
DALKHAZHAY, N.; LEBEDEV, R.M.; NOMOFILOV, A.A.; PODGORETSKIY, M.I.;  
STREL'TSOV, V.N.

Inelastic interactions between 9 Bev protons and nucleons. Zhur.  
eksp. i teor. fiz. 39 no.4:957-960 O '60. (MIRA 13:11)

1. Ob'yedinennyy institut yadernykh issledovaniy.  
(Particles (Nuclear physics))

ISKY, T.

Statistics of estimates obtained for the free medium  
path in the selection case of small volume. Comunicarile  
AR 13 no.10:879-884 0 '63.

1. Comunicare prezentata de E.M. Friedlander, membru corespondent  
al Academiei R.P.R.

Vislapuu, I

First experiences in rearing calves by nursing. p.404

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Sanitarnych Ogrzewnictwa i Garownictwa) Warszawa, Poland  
Vol.13, no.9, Sept. 1958

Monthly list of East European Accession (EEAI) LC, Vol.9, no.2, Feb. 1960

Uncl.

VISLAVSKIY, M.N. (Minsk)

Irreducible representations of finite metabelian p-groups.  
Izv.vys.ucheb.zav.; mat no. 1:14-18 '64. (MIRA 17:5)

VISLAVSKIY, M.N.

Absolutely irreducible representations of certain groups.  
Part 1. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no. 25-93  
'63. (MIRA 17:12)



VISLAVSKIY, M.N. (Minsk)

Absolutely irreducible representations of certain  
groups. Part 2. Izv.vys.ucheb.zav.; mat. no.6:  
48-52 '65. (MIRA 19:1)

1. Submitted April 29, 1964.

VISLAVNYKH, N.A.; YANCHUKOVSKIY, V.N.

Regularities in the distribution of commercial micatization in the  
Slyudyanka phlogopite deposit. Razved.i okh. nedr 29 no.1:21-26  
Ja '63. (MIRA 16:2)

1. Vostochno-Sibirskiy geologicheskii institut AN SSSR (for Vislavnykh).
2. Slyudyanskaya geologorazvedochnaya partiya (for Yanchukovskiy).  
(Slyudyanka region--Phlogopite)

VISLENEV, B., jt. au.

The theory of aviation. 3. ispravlenoe izd. Moskva, Gos. voen. izd-vo Narodnaya oborona  
Sovetuza SSR, 1937. 447 p. (43-3034)

1. Aerodynamics - Study and teaching.
2. Aeroplanes. I. Vislener, B., jt. au. II. Fyshnov, Vladimir Sergeevich, ed.

VISLENEV, B. V.

VISLENEV, B. V., and DMITRII VASIL'EVICH KUZ'NENKO.

Teoriia aviatsii. 4. ispr. izd. Moskva, Voenizdat, 1939. 383,  
1 p., illus., diagrs.

Title tr.: Theory of aviation.

(The book may serve as a textbook for schools and combat units of  
the Red Army Air Force.)

TL570.K8 1939

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of  
Congress, 1955.

VISLENEV, M.

Instruments of the great inventor. Radio no.5:10-11 My '54.  
(MLRA 7:5)

1. Uchenyy sekretar' muzeya. (Popov, Aleksander Stepanovich, 1859-1906)

BRONEVITSKIY, V.P.; VISLENEN, M.V.; ZINOV'YEVA, U.Z.; MILYUGIN, A.M.;  
RASIN, B.I.; FEDOROV, A.A.; FEDOROV, A.D.; FEDOTOVA, A.Ye.;  
VOLKHOVER, R.S., tekhn. red.

[Central Museum of Communications named after A.S.Popov]  
TSentral'nyy muzei sviazi imeni A.S.Popova. Leningrad,  
1962. 234 p. (MIRA 15:11)

1. Russia (1923- U.S.S.R.) Ministerstvo sviazi.  
(Leningrad—Communications museums)

VISLENEV, M. V.

3

M. V. Vislovod

The Lysobuk Indicator and the Population of Clarks

Yash Kaut Astronomical Observatory  
Vol. 2, No. 8, 1967, pp. 103-107

• Travaux Mensuels list of Russian Astronomers  
April 1951, Vol. 4, No. 1, p. 25

FEDOROV, A.D.; VISLENEV, M.V.; BRONEVITSKIY, V.P.

"Studies of the history of radio engineering" by B.S. Sotin and V.M. Rodionov and V.M. Titova. Reviewed by A.D. Fedorov, M.V. Vislenev, V.P. Bronevitskii. Vest. svyazi 21 no.7:30-31  
Jl '61. (MIRA 16:7)

1. Nachal'nik TSentral'nogo muzeya svyazi imeni A.S. Popova  
(for Fedorov). 2. Uchenyy sekretar' TSentral'nogo muzeya svyazi  
imeni Popova (for Vislenev). 3. Zaveduyushchiy radiootdelom  
TSentral'nogo muzeya svyazi imeni Popova (for Bronevitskiy).  
(Radio) (Sotin, B.S.) (Rodionov, V.M.)  
(Titova, V.M.)



BERNSHTEYN, V.A.; VISLENEVA, L.O.; YELIN, I.A.

Epoxy resins and their use in ship repair. Trudy TSNIT  
no.25:3-30 '59. (MIRA 12:8)  
(Resins, Synthetic) (Ships--Maintenance and repair)

SOV/80-32-5-28/52

5(3)

AUTHORS:

Gavurina, R.K., Medvedeva, P.A., Yanovskaya, Sh.G., Vislenova, I.G.

TITLE:

The Polymerization of Styrene in the Presence of 1,1'-Bishydroperoxidedicyclohexylperoxide and Cobalt Naphthenate

PERIODICAL:

Zhurnal prikladnoy khimii, 1959, Vol 32, Nr 5, pp 1086-1091 (USSR)

ABSTRACT:

The work is a continuation of [Ref 1]. The polymerization was measured by the dilatometric method and in ampoules. The concentration of 1,1'-bishydroperoxidedicyclohexylperoxide (HPC-1,1') was kept constant at 0.8 mole/l, the quantity of cobalt naphthenate (CN) varied from  $0.058 \cdot 10^{-3}$  to  $5.8 \cdot 10^{-3}$  mole Co/l. The experiments were made at 25, 38.4 and 56.4°C. The introduction led to a noticeable increase in the initial rate of polymerization  $R_0$ . Figure 4 shows  $R_0$  as a function of the square root of the cobalt concentration. At the increase of conversion the polymerization rate decreases. The minimum duration of the process is observed at the highest concentration of CN. In the polymerization in ampoules a high polymerization rate is observed even at a conversion of 90-85 weight %, in some cases at 100%. At high degrees of polymerization the addition of CN leads to a considerable increase of the viscosity [1]. Comparison of

Card 1/2

SOV/80-32-5-28/52

The Polymerization of Styrene in the Presence of 1,1'-Bishydroperoxidedicyclohexylperoxide and Cobalt Naphthenate

1-oxy-1'-hydroperoxidedicyclohexylperoxide (HPC-1) and HPC-1,1' shows that the rate of the process decreases more rapidly with the first substance at increasing conversion. A conversion of 19 weight % is obtained with HPC-1 after 29 hours, with HPC-1,1' after 4 hours. For all temperatures  $R_0$  is higher for HPC-1,1', if no CN is added. The addition of CN shows clearer results, however, with HPC-1. HPC-1,1' ensures a higher conversion, if all other conditions are equal. There are: 8 sets of graphs, 4 tables and 4 references, 1 of which is Soviet, 1 German, 1 American and 1 Japanese.

SUBMITTED: March 24, 1958

Card 2/2

VISIENNEVA, M.G.

GRINBERG, O.I., doktor med. nauk; DORFMAN, O.V., inzhener; VISIENNEVA, M.G.,  
pedagog

Tables of Russian words for a hearing test using an audiometer [with  
summary in English]. Vest.oto-rim. 19 no.3:78-83 My-Je '57.  
(MIRA 10:10)

1. Iz akusticheskoy laboratorii Leningradskogo nauchno-issledovatel'-  
skogo instituta po boleznyam ukha, gorla, nosa i rechi (dir. - prof.  
I.A.Lopotko, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR  
prof. V.I.Voyachek)

(HEARING TESTS

use of tables of Russian words for audiometric tests)

VISLISENI, Yu.; FLAKSMAYYER, Yu.

Power and structure of all biocompact extensions of a perfectly regular space. Dokl. AN SSSR 165 no.2:258-260 N '65.

(MIRA 18:11)

1. Matematicheskiy institut Gosudarstvennogo universiteta v Greifswal'de, Germanskaya Demokraticeskaya Respublika, i Matematicheskiy institut Neotskoy Akademii nauk v Berlina, Germanskaya Demokraticeskaya Respublika. Submitted April 8, 1965.

VIS'LITSKIY, A., dotsent (Pol'sha)

Road and building machinery manufacture in the Polish People's  
Republic. Stroi, i dor. mashinostr. 5 no. 1:9-14 Ja '60.  
(MIRA 13:5)

(Poland--Road machinery)

(Poland--Building machinery)

VISLITSKI, A.V., inzh., dotsent

Determining the operational reliability of new types of construction equipment in the Polish People's Republic. Mekh.stroi. 19 no.12:17-18 D '62. (MIRA 15:12)

1. Institut organizatsii i mekhanizatsii stroitel'stva, Varshava.  
(Poland—Construction equipment)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860110011-2

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860110011-2"



**"APPROVED FOR RELEASE: 09/01/2001**

**CIA-RDP86-00513R001860110011-2**

**APPROVED FOR RELEASE: 09/01/2001**

**CIA-RDP86-00513R001860110011-2"**

GANUSHCHAK, N.I.; DOMBROVSKIY, A.V.; VISLOBITSKAYA, O.A.

Syntheses based on diene condensation. Part 1: 1-Methyl-4-  
arylanthraquinones. Zhur. ob. khim. 33 no.8:2532-2534 Ag '63.  
(MIRA 16:11)

1. Chernovitskiy gosudarstvennyy universitet.

VISLOBOKOV, A. and ANISIMOV, S.

"Certain Philosophical Problems of Cybernetics," Kommunist, 1960, No. 2,  
Pages 108 - 118.

VISLOBOKOV, A.: VIKTOROVA, V., redaktor; SAMSONENKO, L. redaktor; MUKHIN,  
Yu, tekhnicheskii redaktor.

[Inseparability of matter and motion; popular sketch] O nerazryvnosti  
materii i dvizheniia; populiarnyi ocherk. Moskva, Gos.izd-vo polit.  
lit-ry, 1955. 127 p. (MLRA 8:8)  
(Matter) (Motion)

SOV/124-57-8-9727

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 8, p 155 (USSR)

AUTHORS: Spiridonov, A. A., Vislobokov, V. P.

TITLE: The Residual Stresses After Hardening by Various Methods (Ostatoch-  
nyye napryazheniya posle razlichnykh metodov uprochneniya)

PERIODICAL: Sb. statey. Ural'skiy politekhn. in-t. 1956, Nr 63, pp 15-20

ABSTRACT: The authors have determined the residual stresses in the surface layers of samples of grade-45 steel after hardening by the electric-spark method, centrifugal steel-ball forging, and hardening by both methods combined. The residual stresses were determined by the method of N. N. Davidenkov by means of successive etching and measuring of the deformations. The samples had the shape of rings with an outer diameter of 82.5 mm, an inner diameter of 72.5 mm, and a width of 15 mm. The electric-spark treatment was accomplished by the following method:  $C = 100 \mu f$ ,  $U = 95 v$ ,  $I_k = 10 a$ ,  $v_{advance} = 5 m/min$ , and  $s = 0.08 mm/revolution$ . The centrifugal ball-forging treatment was accomplished by the following method:  $v_{advance} = 34.6 m/min$ ,  $v_{disk} = 1432 m/min$ , interference (negative allowance)  $i = 0.2 mm$ , feed  $s = 0.04 mm/revolution$ . After electric-spark

Card 1/2

SOV/124-57-8-9727

• The Residual Stresses After Hardening by Various Methods

hardening large tensile stresses occur in the surface layers attaining up to 380 kg/mm<sup>2</sup> in a layer up to 25  $\mu$  thick. Compression stresses occur after centrifugal ball-forging. In the experiments described in the paper under review the compression stresses penetrated to a considerable depth and amounted to 70-80 kg/mm<sup>2</sup> at a depth of up to 1 mm (no deeper etching was done). A substantial reduction of the compression stresses was noted in a zone of from 50 to 100  $\mu$ . Successive hardening by the electric-spark method and the steel-ball centrifugal-forging method led to the appearance of considerable compression stresses (of an order of magnitude of 70-75 kg/mm<sup>2</sup>) in the surface layers, while a certain decrease in the magnitude of the compression stresses in a narrow zone 40 to 70  $\mu$  from the surface was observed.

L. M. Shkol'nik

Card 2/2

VISHNICKOVA, I.S.; PISHKOV, V.G.

Technical information and the introduction of new equipment.  
Bul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i  
tekhn. inform. 17 no.8:87-89 Ag 164.

(MIRA 17:11)

VISLOCKY, B.; TRAVNICEK, R.

Attempted analysis of disorders associated with dislocations of the digestive tube following pneumonectomy. Cesk. gastroent. vyz. 15 no.3:215-223 My '61.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc.  
(PNEUMONECTOMY compl) (GASTROENTEROLOGY)



VITKOWSKY, Zdenek, MUDr.; VISLOCKY, Boris, MUDr.; VULFERINOVA, Marie, MUDr.;  
PLACER, Zdenek, RMDr.

Incomplete pancreatic fistula following gastrectomy. Cesk.  
gastroenter. 9 no.4:259-280 Dec 55.

1. Ustav pro klinickou a experimentalni chirurgii, Praha, reditel  
doc. MUDr. B. Spacek Ustav pro vyzkum vyzivy lidu, Praha, reditel  
doc. MUDr. J. Masek.

(PANCREAS, fistula,  
incomplete, postgastrectomy)  
(FISTULA,  
pancreas, incomplete, postgastrectomy)  
(STOMACH, surgery,  
postop. pancreatic fistula, incomplete.)

SMETANA, Josef; VISLOCKY, Boris

Surgical therapy of bronchial asthma. Rozhl.chir.40 no.2-3:  
185-189 Mr '61.

1. Ustav klinicke a experimentalni chirurgie, reditel prof.dr.  
B. Spacek.  
(ASTHMA surg)

VISLOGUZOV, G.I., inzh.; RABINOVICH, D.M., inzh.; ORLOVA, N.I., inzh.;  
SHM NIN, I.A., inzh.; KOMPANIYETS, G.M., inzh.; KONDRAT'YEV,  
S.N., inzh.; IOSHKINA, N.A., inzh.

Nonmetallic inclusions in rails in various methods of deoxidizing  
steel. Stal' 25 no.6:557-559 Je '65. (MIRA 18:6)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.

VISLOGUZOV, V.M., gornyy inzhener.

The All-Union Institute for Research in Mechanical Processing of  
Economic Minerals should be at the level of existing new tasks.  
Gor.zhur.no.8:6-10 Ag '56. (MLRA 9:10)  
(Ore dressing)

SERGO, Yefim Yefimovich, kand. tekhn. nauk; VISLOGUZOV, V.M.,  
retsenzent; MAKRUCHINA, Ye.A., red.izd-va; SABITOV, A.,  
tekhn. red.

[Washing ferrous metal ores]Promyvka rud chernykh metallov.  
Moskva, Gosgortekhnizdat, 1963. 143 p. (MIRA 16:4)  
(Ore dressing)

VISLOGUZOV, V.M.

AUTHORS: Visloguzov, V.M. and Troitskiy, A.V., Engineers 127-11-11/12

TITLE: Development of Domestic Technology of Ore Concentration (Razvitiye otechestvennoy tekhniki obogashcheniya rud)

PERIODICAL: Gornyy Zhurnal, 1957, # 11, pp 73-77 (USSR)

ABSTRACT: During World War II, large concentration enterprises were constructed: the concentration-agglomeration combine in Vysokaya Gora, the ore-preparation combine in Bakaly, and two agglomeration plants in Serovo and Chusovo. In 1952, the concentration-agglomeration plant of the "KMARuda" (Kursk Magnetic Anomaly ore) combine was put into operation for concentration of magnetite quartzites. At present, the second magnetic-concentration plant is being built and a flotation plant has been completed there. In 1955, a large concentration plant was constructed in Olenegorsk for the concentration of magnetite-hematite quartzites. In 1956, the South Mining-Concentration Combine was put into operation for the concentration of magnetite quartzites. During the Sixth 5-Year Plan, construction of the large concentration plants of the Sokolov-Sarbay, Kachkanar, Korshunov and other combines will be completed. The problem of complex utilization of titanium-magnetites containing iron, vanadium, titanium and cobalt has been solved, and a flotation concentrat-

Card 1/3

Development of Domestic Technology of Ore Concentration

127-11-11/12

ion method has been developed which permits to increase by 50% the extraction of titanium. Qualitative characteristics of concentration of the iron ores are: extraction amounts to 80 to 85%, and iron content in concentrate amounts to 60%. Concentration technology developed also in non-ferrous metallurgy. During World War II, the following concentration plants were constructed: a molybdenum plant in Balkhash; lead-zinc plants in Tekeli, Belousovka, Berezovskiy; tungsten plants in Shakhtominsk and Lyangar, etc. After World War II, the following concentration plants have been put into operation: the Kadzharan copper-molybdenum plant, the Dzhezkazgan copper plant, the Altyn-Topkan lead-zinc plant, the Mirgalimsay lead plant, and a number of others. The total number of concentration plants operating now in the non-ferrous metallurgy exceeds 200. Individual plants have capacities of 30,000 tons of ore per day. All modern methods of concentration are now in use in the non-ferrous metallurgy plants: the collective and selective flotation with anion and cation reagents, magnetic concentration in strong fields, electrostatic concentration, gravitational concentration in heavy suspensions, in hydrocyclons, in screw separators, etc. Qualitative characteristics are also very high: more than 70% of metal is extracted from the ores con-

Card 2/3

Development of Domestic Technology of Ore Concentration

127-11-11/12

taining a few hundredths of a useful mineral and 85 to 95% of metal is extracted from the lead-copper ores containing a few per cent of copper or lead. Heavy equipment for the concentration plants is manufactured in the Uralmashzavod and Irkutsk Heavy Machinery Plant. The article contains 6 photos and 1 table (of them 4 photos in a separate insertion).

AVAILABLE: Library of Congress

Card 3/3



18(5)

AUTHORS:

SOV/127-59-2-15/21

Visloguzov, V.M., Engineer, and Sysolyatin, S.A.,  
Engineer (Uralmekhanobr, Sverdlovsk)

TITLE:

On the Recovery of Titanium in the Dressing Process  
of the Titanium-Magnetite Ores of the Deposits at ~~Kachka-~~  
~~narsk~~. (Iz vlecheniye titana pri obogashchenii  
titano-magnetovykh rud Kachknarskogo mestorozhdeniya)

PERIODICAL:

Gornyy zhurnal, 1959, Nr 2, pp 65-68 (USSR)

ABSTRACT:

The authors show how experiments, carried out in  
the Uralmekhanobr proved that it is possible to  
obtain titanium concentrate from the titanium-mag-  
netite iron-ore of Kachkanar, by applying the me-  
thod of stage enrichment. Only a certain quantity  
of the second-stage tailings containing ilmenite is  
processed. The gradual grinding of the ore went  
thru the following stages: 1 to 0 mm, 0.5 to 0 mm,  
0.2 to 0 mm, 0.1 to 0 mm. The first separation  
supplies 2 kinds of dust: a) magnetite (ferro-  
vanadium); b) ilmenite tailings containing titanium.

Card 1/3

A shaking table separated out the titanium concen-

SOV/127-59-2-15/21

On the Recovery of Titanium in the Dressing Process of the Titanium-Magnetite Ores of the Deposits at Kachkanar

trate, which in its turn was lead into a separator having a 6,000 oersted - strong magnetic field. The final products were: Fe (63.0%),  $TiO_2$  (24.8%) and  $V_2O_3$  (53.20%). The authors admit that the industrial level, the flotation method will probably be necessary to obtain high-grade titanium concentrate. A flotation method suitable for ilmenite has been successfully developed in the **Kusinskiy ore-dressing plant.** . A flotation method suitable for recovering titanium from poor titanium ores, was used in **this** industrial experiment; at Kusin, where 400 tons of ore from the 2nd local deposit area were processed. The ore contained 1.88% rutile. The concentrate had 80% rutile. The refuse contained only 0.25 to 0.30% rutile. F.K. Solomonova, a scientist working in the mineralogical laboratory

Card 2/3

SOV/127-59-2-15/21

On the Recovery of Titanium in the Dressing Process of the Titanium-Magnetite Ores of the Deposits at Kachkanar

of the Uralmekhanobr, carried out these examinations of the ores at Kachkanar. There are 2 tables and 2 flow charts.

ASSOCIATION: Uralmekhanobr/Sverdlovsk

Card 3/3

VISLOGUZOV, V.M., inzh.; TROITSKIY, A.V., inzh.

Development of Russian ore-dressing techniques. Gor. zhur. no.11:  
73-77 N '57. (MIRA 10:12)

(Ore dressing)

137-58-6-11339

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 12 (USSR)

AUTHOR: Visloguzov, V.M.

TITLE: Flotation of the Kusun Ilmenites (Flotatsiya il'menita Kusun-skogo mestorozhdeniya)

PERIODICAL: Obogashcheniye rud, 1957, Nr 3, pp 3-8

ABSTRACT: A description is offered of an experiment in the introduction and improvement of a flotation procedure to replace gravitational flotation at the Kusun plant. The following optimum quantities of reactants is chosen for ilmenite flotation (kg/t): NaF 0.4, H<sub>2</sub>SO<sub>4</sub> 0.6, tallol 1.6, kerosene (Diesel fuel) 1.5. Practice confirmed the possibility of deriving a Ti concentrate of the following % content: TiO<sub>2</sub> 42.5-56, SiO<sub>2</sub> 2-2.3, S 0.07, P. 0.008. The H<sub>2</sub>SO<sub>4</sub> and NaF should be 1% solutions. Agitation with the reactants takes 18-20 min. Recovery increased from 46 to 75%. Extraction increases further when thickeners and hydraulic classifiers are replaced by hydrocyclones for desliming the material before flotation.

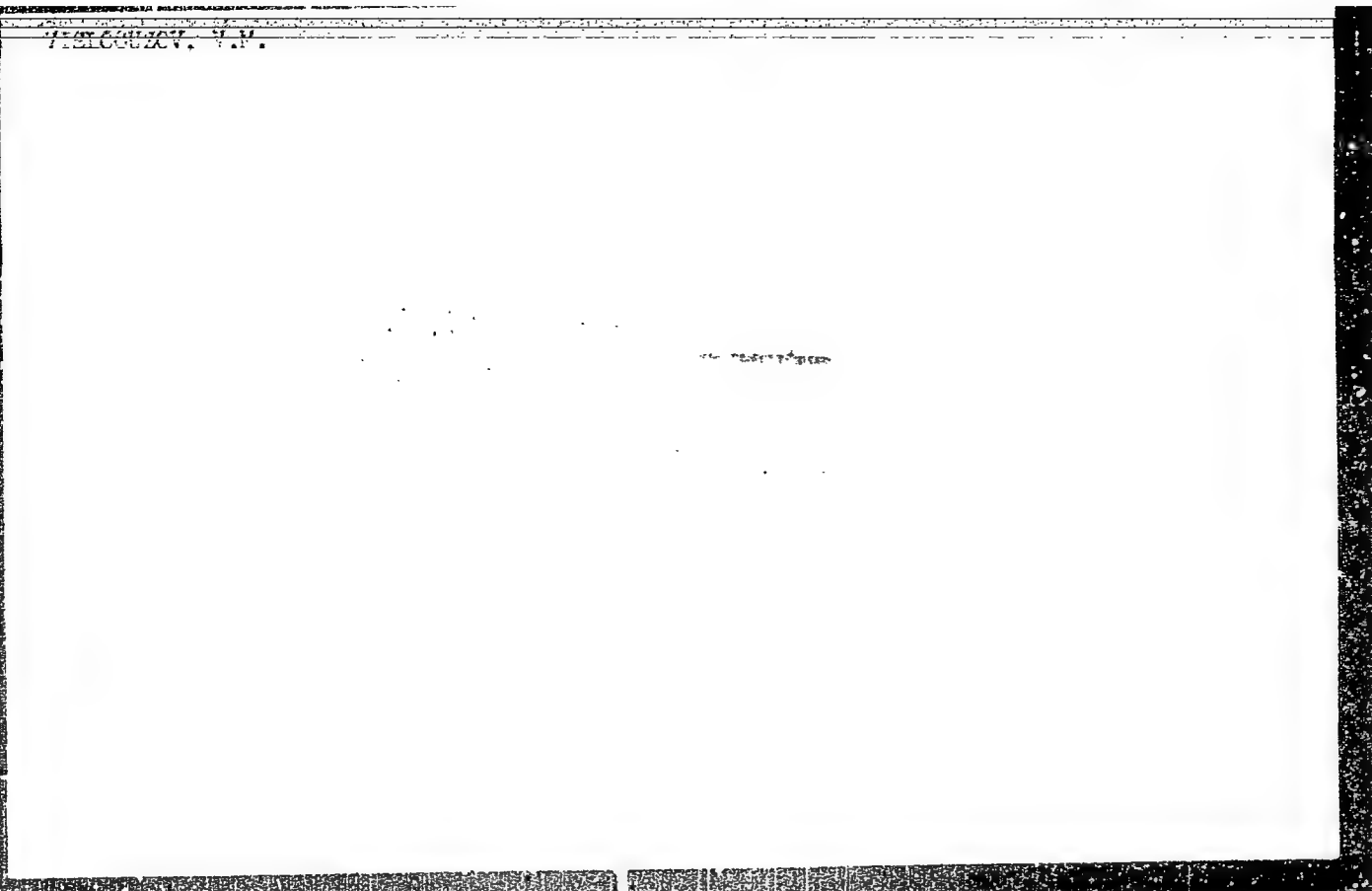
1. Ores--Processing 2. Ores--Flotation

A.Sh.

Card 1/1

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860110011-2



APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860110011-2"

VISLOGUZOV, V.M., gornyy inzh.

Flotation of Kusa deposit ilmenite. Obog. rud 2 no. 3:3-8 '57.  
(MIRA 11:8)

(Kusa--Ilmenite)  
(Flotation)

BOK, I.I.; BARBOT de MARNI, A.V.; ~~VISLOGUZOVA, A.V.~~; GALIYEV, M.S.;  
LI, A.B.; LOMONOVICH, M.I.; YAKOVENKO, Z.V.; ASSING, I.I.;  
NURMANGALIYEV, A.B.; SOKOLOV, S.I.; GRIGOR'YEVA, Ye.P.;  
SEROV, N.P.; LEONOV, G.M.; ZAKHAROV, B.S.; ZAGAYNOV, V.I.;  
BOROVSKIY, V.M.; LITVINOVA, A.A.; POGREBINSKIY, M.A.;  
NASONOVA, O.M.; KHAYDAROV, R.M.; SUVOROVA, R.I., red.;  
ALFEROVA, P.F., tekhn. red.

[Ili Valley, its nature and resources] Iliiskaia dolina, ee  
priroda i resursy. Pod obshchei red. M.I.Lomonovicha. Alma-  
Ata, Izd-vo AN Kaz.SSR, 1963. 338 p. (MIRA 16:8)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut geolo-  
gicheskikh nauk. 2. Nauchnyye sotrudniki Instituta geologi-  
cheskikh nauk AN KazSSR (for Bok, Barbot de Marni, Visloguzova,  
Galiyev, Li, Lomonovich, Yakovenko). 3. Institut pochvovedeniya  
AN KazSSR (for Assing, Nurmangaliyev, Sokolov, Borovskiy,  
Litvinova, Pogrebinskiy). 4. Institut botaniki AN KazSSR (for  
Grigor'yeva, Nasonova). 5. Institut zoologii AN KazSSR (for  
Serov). 6. Kazakhskiy politekhnicheskii institut (for Leonov).  
7. Ministerstvo sel'skogo khozyaystva KazSSR (for Zakharov).  
8. Kazanskiy filial Instituta "Gidroproyekt" im. S.Ya.Zhuka  
(for Khaydarov).

(Ili Valley--Physical geography)



SHVARTSMAN, I.Sh.; MIKHAYLOV, Yu.F.; PAPAKIN, Kh.M.; VYDRINA, Zn.A.,  
KUZNETSOVA, N.V.; VISLOGUZOVA, E.A.; KUL'CHITSKAYA, I.B.

Optimum apparent density of steel pouring stoppers made by the  
stiff mud process. Ogneupory 30 no.6:9-14 '65. (EIRA 19:1)

1. Vostochnyy institut ogneuporov (for Shvartsman, Mikhaylov).
2. Nizhne-Tagil'skiy metallurgicheskiy kombinat imeni Lenina  
(for Papakin, Vydrina, Kuznetsova, Visloguzova, Kul'chitskaya).

VISLOGUZOVA, N.V.

Notes on the expedition to regions of Khabarovsk Territory and  
to the southern regions of Sakhalin, Trudy Alma-At. bot. sada  
7:139-148 '63. (MIRA 16:10)

TSITSINA, S.I.; VISLOGUZOVA, N.V.

Cultivation of medicinal plants in the Alma-Ata Botanical  
Garden. Trudy Alma-At. bot. sada 7:149-166 '63. (MIRA 16:10)

PA 15/49T21

VISLOUKH, L. A.

USSR/Electricity  
Railroads, Electric

Jul 48

"Problems of Electric Traction in the Scientific  
Technical Conference of the All-Union Sci-Res Inst  
of Railroad Transportation," L. A. Visloukh, Engr,  $\frac{1}{2}$  p

"Elektrichestvo" No 7

Summarizes seven papers read at conference on railroad  
electrification.

FDB

15/49T21

VISLOUKH, L.A., inzh.

The E44 American electric locomotive (from "Railway age," no.19,  
1960). Elek. i tepl. tiaga 5 no.8:48 Ag '61. (MIRA 14:9)  
(United States--Electric locomotives)

VISLOUKH, L.A., inzh.

Electric traction on foreign railroads. Zhel. dor. transp. 46  
no.1:83-90 Ja '64. (MIRA 17:8)

PERTSOVSKIY, Lazar' Moiseyevich; PRUSAKOV, Mendel' Borisovich; YISLOUKH,  
L.A., inzhener, redaktor; KHITROV, P.A., tekhnicheskiy redaktor

[Manual for traction substation attendants] Posobie deshurному  
tiagovoi podstantsii. Moskva, Gos.transp.zhel-dor. izd-vo, 1956.  
175 p. (MLRA 10:1)

(Electric railroads--Substations)

VISLOUKH, I.A.

Permanent Commission of the International Railway Congress.  
Association. Put' 1 put.khoz. 8 no.3:46 '64. (MIRA 17:3)



VISLOUKH, L.A., inzh.

Voltage regulation in substations under load.) (from "La vie  
du rail," no. 809, 1961). Elek. i topl. tiaga 6 no. 2:47 F '62.  
(MIRA 15:2)

(Electric railroads—Substations)

VISLOUKH, L.A., inzh.

International Railway Congress Association. Elek. i tepl. tiaga  
no.6:47 Je '62. (MIRA 15:7)

(Railroads—Congresses)

VISLOUKH, L.A., inzh.

International Railway Congress Association. Avtom., telem. 1  
sviaz' 6 no.6:45-46 Je '62. (MIRA 15:7)  
(Railroads--Signaling) (Railroads--Congresses)

WISLICH, L. A., Eng.

Trolley Buses

Diesel-trolley bus for 1,100 volts. Elektrichestvo No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress  
June 1953. UNCL.

VISLOUKH, L. A.

Electric Wiring

Experience in the use of steel-aluminum  
contact wires in poland. Elektrichestvo no.

1. 1952

Inzh.

SO: Monthly List of Russian Accessions, Library of Congress, \_\_\_\_\_ 1953, Uncl.

VISLOUKH, L.A., inzhener.

~~Gas-turbine electric locomotive of the British railways. Elektri-~~  
chestvo no.1:88-89 Ja '54. (MIRA 7:2)  
(Great Britain--Electric locomotives) (Electric locomotives--  
Great Britain)

AVATKOV, Aleksandr Stepanovich,; VISLOUKH, L.A., inzh., red.; VERINA, G.P., tekhn. red.

[Electrification of railroads using single-phase currents of industrial frequency] Elektrifikatsiia zhelsnykh dorog na odnofaznom toke promyshlennoi chastoty. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 294 p. (MIRA 11:10)

(Electric railroads)

VISLOUKH, L.A., inzh.

Electrification of British railroads on single-phase alternating  
current. Elek. i topl. tiaga. 3 no. 12:44 D '59. (MIRA 13:4)  
(Great Britain--Railroads--Electrification)



VISLOUKH, L.A., inzhener.

Electric locomotive with ignitron rectifier of the Pennsylvania Railroad  
(U.S.A.). Elektrichestvo no. 9:85-87 S '53. (MIRA 6:9)  
(U.S.A.--Electric locomotives) (Electric locomotives--U.S.A.)

VISLOUKH, L.A., inzhener.

Railroad electrification in northern France with 50 cycle, single-phase  
current (condensed from Revue Gen. des Chemins de fer, no.1, 1953, *lefort*).  
Elektrichestvo no.8:84-87 Ag '53. (MLAA 6:8)  
(France--Electric railroads) (Electric railroads--France)

VISLOUKH, L.A., Eng.

Electric Locomotives

New electric locomotives using 50 hertz single phase current. Elektrichestvo no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

VISLOUB, L.A., inzhener.

Vibratory fatigue of multi-wire steel cables. [Abstract from AIEE Transactions v.69, p.1473, '50. J.C. Little and others.] Elektrichestvo no.5:  
90-91 My '53. (MLRA 6:6)

(Electric cables)

VISLOUKH, L.A., inzhener (Moscow).

Remarks on B.G. Lortkipanidze's article "Rules concerning the protection  
of metallic underground equipment against corrosion by vagrant currents."  
Elektrichestvo no.5:80-81 My '53. (MLRA 6:6)  
(Electric lines--Underground) (Lortkipanidze, B.G.) (Electro-  
lytic corrosion)

- [illegible]

VISLOUKH, L. A.

~~usss/Engineering~~

Jan 1947

Railroads, Electric  
Power Transmission, Electric

"Wire Power Circuits for Railroads in the Next Five Years," Maj L. A. Vislouxh, Transport Engr, 2 pp

"Tekh Zheleznykh Dorog" No 1

Discusses the system of suspension of electric lines, types of contacts used for feeding power to trains, and the construction of some circuits, insulators, and material in use as power line poles. Deals mainly with the construction of the various items and has no information regarding the installation, repair and maintenance of the items mentioned.

ES

28T40

VISLOUKH, L.A., inzhener.

Radio interference from electrified railroads (Abstract from El Bahnen,  
no. 10 '53; Tipol). Elektrichestvo no.6:80 Je '53. (MLBA 6:7)  
(Radio--Interference)



VISLOUKH, L. A., Eng.

Electric Currents, Alternating - Single-phase

Equipment for supplyin a single-phase 50 hertz current to an experimental section of the French railroads. Elektrichestvo no. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

VISLOUKH, I. A. (Eng.)

France—Electric Railroads

Equipment for supplying a singlephase 50 hertz current to an experimental section of the French railroads. Elektrichestvo No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

VISLOUKH, L.A., inzhener.

Using 50 cycle single phase circuits for electric traction abroad.  
Elektrichestvo no.3:84-86 Nr '57. (MLRA 10:4)  
(Electric railroads)

VLASOV, I. I.; VISLOUKH, L. A.

USSR (600)

Electric Railroads - Wires and wiring

Measures against the wear of contact wires on electrified railroad sections.  
Trudy TSNII MPS, No. 7, 1947.

9. Monthly List of Russian Accessions, Library of Congress, October 1958, Uncl.

2

VISLOUKH, L. A., Eng.

Electric Railroads - France

Equipment for supplying a single-phase 50 hertz current to an experimental section of the French railroads. Elektrichestvo no. 9, 1952.

o

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

AL'KHANOV, A.S., inzh.; VISLOUKH, I.A., inzh.; VLASOV, I.I., kand.tekhn.  
nauk; KUPTSOV, Yu.Ye., inzh.; RODZAYEVSKAYA, Yu.A., inzh.;  
BELYAYEV, I.A., inzh., red.; KHITROV, P.A., tekhn.red.

[Prolonging the life of contact wires] Udlinenie sroka sluzhby  
kontaktnogo provoda. Pod obshchei red. I.A.Beliaeva. Moskva,  
Gos.transp.zhel-dor.izd-vo, 1958. 79 p. (MIRA 12:2)  
(Electric railroads--Wires and wiring)

VISLOUKH, L.A., inzh.

Electric rolling stock operating on various systems of  
current and voltage. Elek.i tepl.tiaga 3 no.8:47-48  
Ag '59. (MIRA 12:12)  
(Electric railroads)

PERTSOVSKIY, Iazar' moiseyevich; PRUSAKOV, Mendel' Borisovich; VISLOUKH,  
L.A., inzhener, redaktor; KHITROV, P.A., tekhnicheskiy redaktor

[Manual for traction substation operators] Posobie dezhurnomu  
taigovoi podstantsii. Moskva, Gos. transp. zhel-dor. izd-vo, 1956.  
175 p. (MIRA 9:12)  
(Electric railroads--Substations)



VISLOUKH, L.A., inzhener.

Electrification of railroads in Czechoslovakia. Zhel. dor.  
transp. 38 no.9:86-88 S '56. (MLBA 9:10)

(Czechoslovakia--Railroads--Electrification)

VISLOUKH, L.A., inzhener.

Experimental high-speed runs on French railroads. Zhel.dor.  
transp.37 no.10:85-90 0 '55. (MLRA 9:1)

(France--Railroads)

VISLOUKH, L.A., inzh., LOMAGIN, N.A., kand.tekhn.nauk

Electrification of railroads in countries on five continents.

Zhel.dor.transp. 42 no.12:78-84 D '60.

(MIRA 13:12)

(Railroads—Electrification)

VISLOUKH, L.A.; PETROV, G.A.; SHCHEGLOVA, L.D., red.; BRUDNO,  
K.F., tekhn. red.

[International electrotechnical vocabulary] Mezhdunarodnyi elektrotekhnicheskii slovar'. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza. Group 30. [Electric traction] Elektricheskaja tiaga. 1963. 196 p. (MIRA 17:2)

1. International Electrotechnical Commission.

VISLOUKH, L.A., inzh.

Activities of the Bureau for Testing and Research of the  
International Railroad Union, from 1958 to 1959. Vest.  
TSNII MPS 19 no.5:63-64 '60. (MIRA 13:8)  
(Railroad societies)  
(Railroad research)

POPOV, Yevgeniy Ivanovich, inzh.; RAKOV, V.A., inzh., retsenzent;  
VISLOUKH, L.A., inzh., red.; SAVEL'YEV, Ye.Ya., red.izd-va;  
KIKIND, V.D., tekhn.red.

[Rolling stock of electric railroads] Podvizhnoi sostav  
elektricheskikh zheleznnykh dorog. Moskva, Gos.nauchno-tekhn.  
izd-vo mashinostroit.lit-ry, 1959. 162 p. (MIRA 13:2)  
(Electric railroads--Rolling stock)

VISLOUKH, L.A., inzh.

Improve the parts of contact systems. Elek. i tepl. tiaga no.12:  
45 D '57. (MIRA 11:1)

(Electric railroads--Wires and wiring)

VISLOUKH, L.A., inzhener

Protecting elevated water tanks from rust. Tekh.zhel.dor.6 no.8:32  
Ag'47. (MLRA 8:12)

(Tanks)



VISLOUKH, L.A., inzhener.

Examining radio interference from a 500 kv transmission line (Abstract  
from AIEE Transactions vol.70:251, '51; G.D.Lippert and others). Elektri-  
chestvo no.6:78-79 Je '53. (MLRA 6:7)  
(Radio--Interference) (Electric lines)

VISLOUKH, L.A., inzhener.

New 3.3 KV direct current traction substations of Moroccan railways.  
(Daumas in Revue generale des chemins de fer, p. 565, no.10, 1953).  
Elektrichestvo no.5:92-93 My '54. (MLRA 7:6)  
(Morocco--Electric railroads)

VISLOUKH, L.A., inzhener.

Testing of wire and cable joints and connectors used in electric  
railroad networks. Trudy TSNII MPS no.88:84-110 '53. (MLRA 7:7)  
(Electric railroads—Equipment and supplies)

VISLOUKH, L.A., inzh.; LOMAGIN, N.A., kand.tekhn.nauk

Electrification of railroads in socialist countries. Zhel.dor.  
transp. 44 no.7:81-86 J1 '62. (MIRA 15:8)  
(Communist countries--Railroads--Electrification)